

FIG. 1

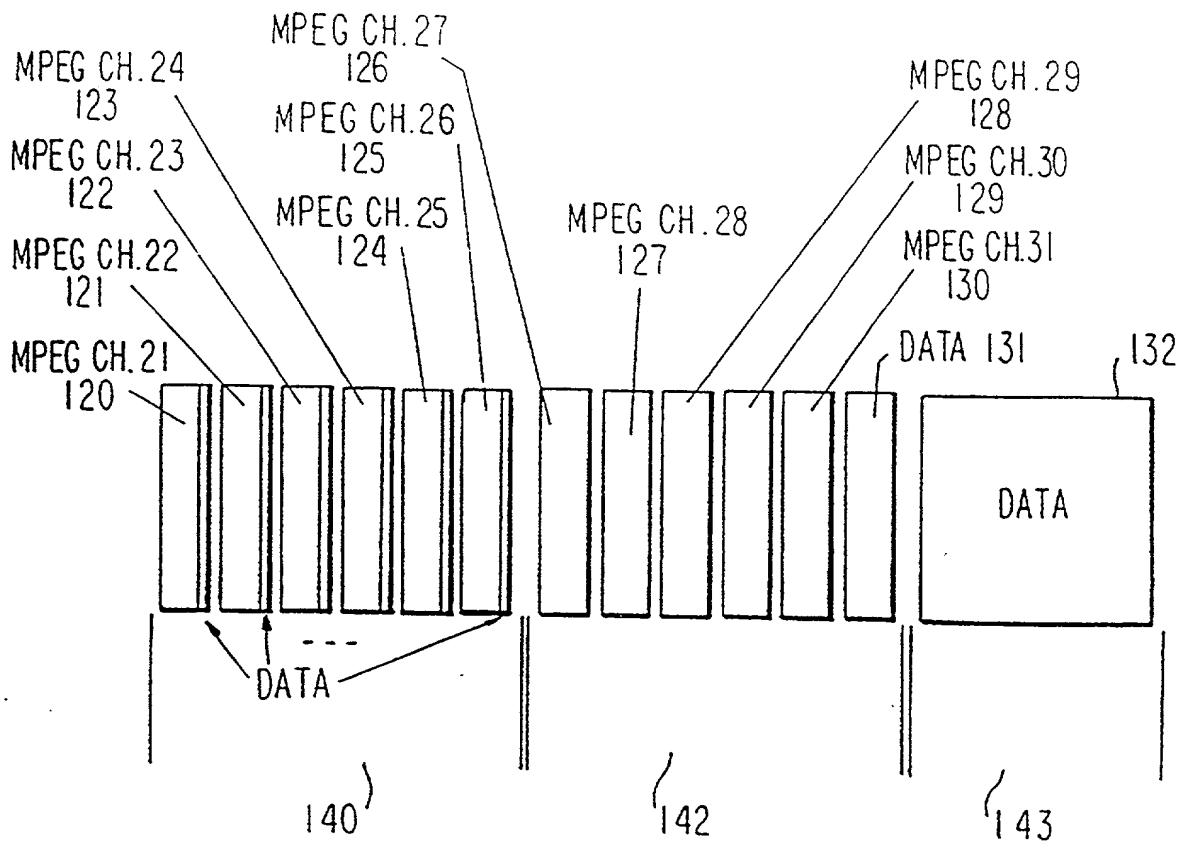
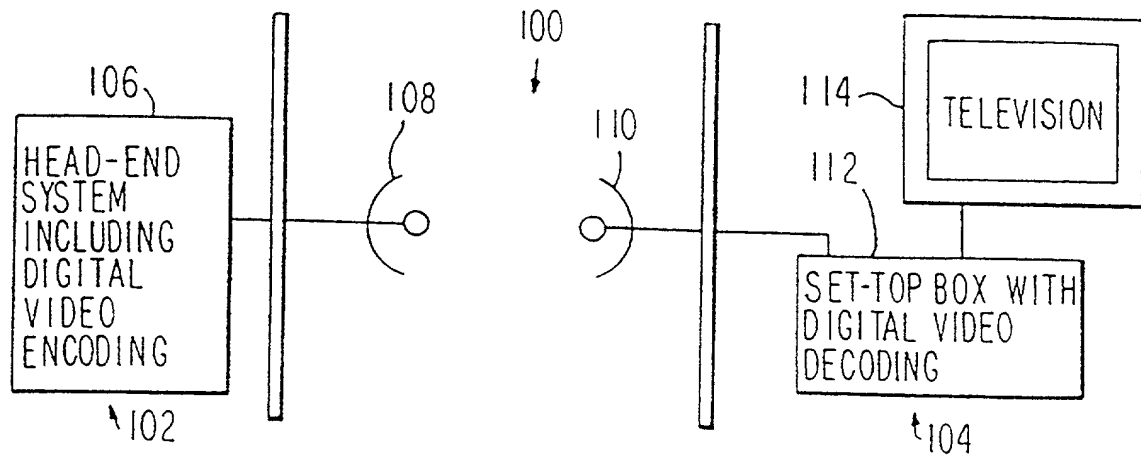


FIG. 2

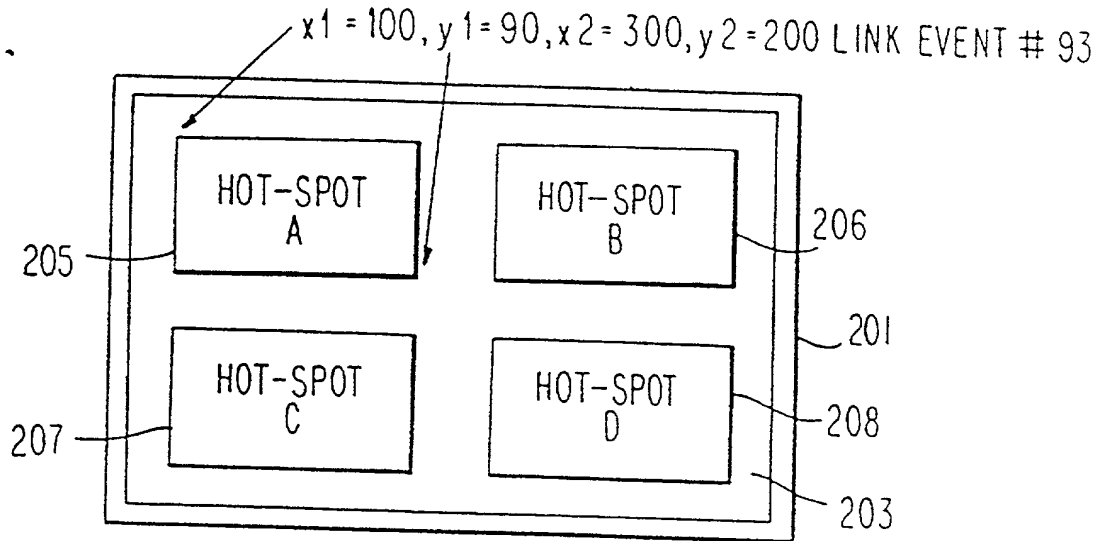


FIG. 3

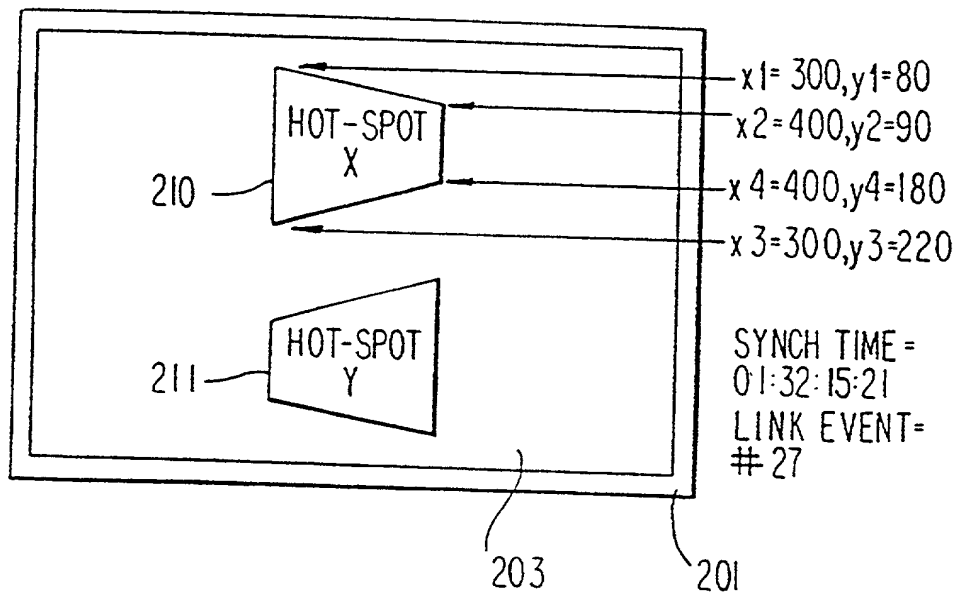


FIG. 4

FIG. 5 is a block diagram of a video processing system. The system includes a video switch 314, a video effects device 316, a computer 322, a remultiplexer 324, and a video monitor 318. The video switch 314 receives multiple video inputs (VIDEO A through VIDEO L) and outputs them to the video effects device 316. The video effects device 316 outputs video signals (VIDEO C through VIDEO K) to the video monitor 318. The video switch 314 also outputs video signals (VIDEO A through VIDEO L) to a series of MPEG encoders 320. The computer 322 is connected to the video switch 314, the video effects device 316, and the remultiplexer 324. The MPEG encoders 320 output MPEG channels (MPEG CH 21 through MPEG CH 26) to the remultiplexer 324. The remultiplexer 324 outputs the multiplexed signal to a frequency band A.

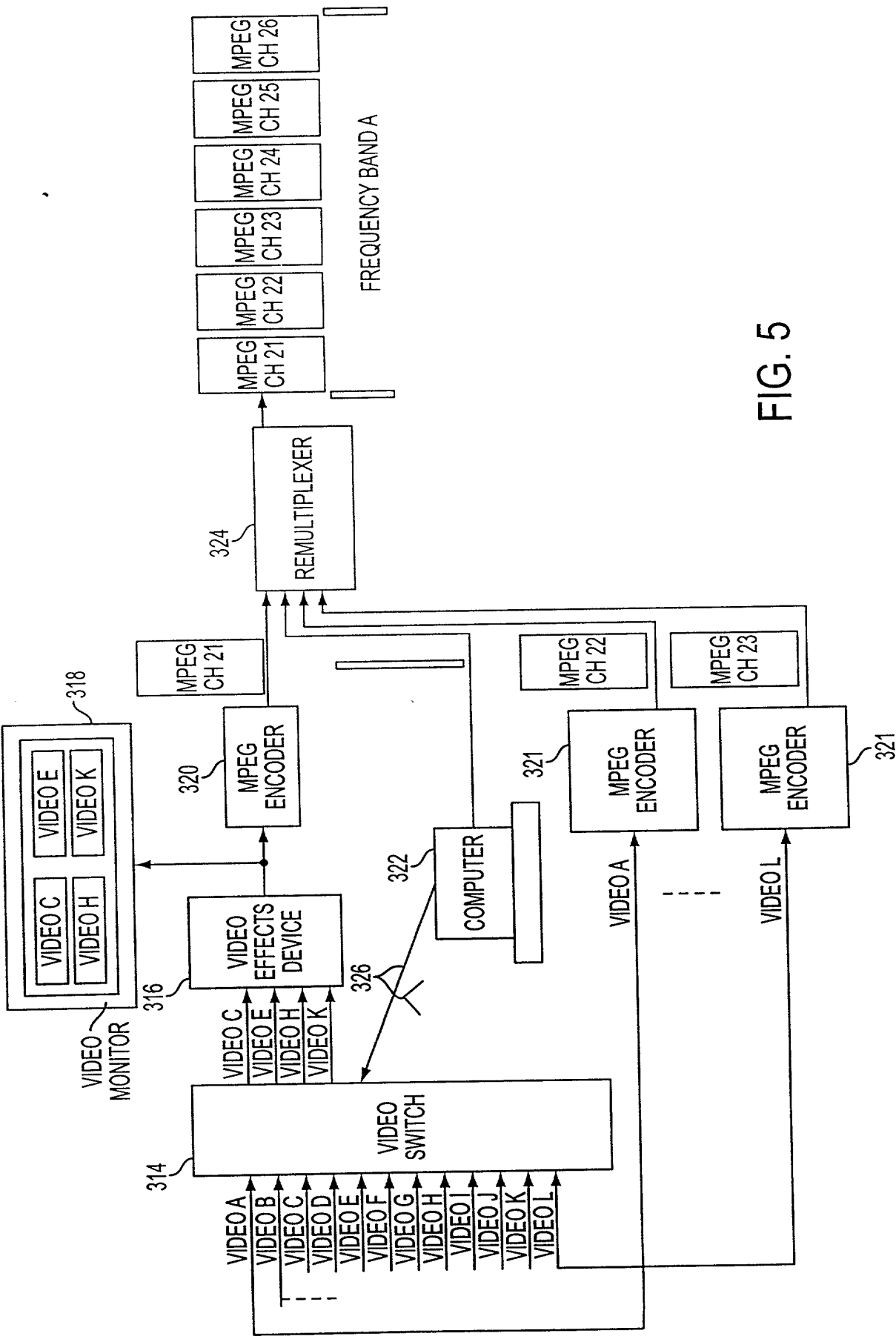


FIG. 5

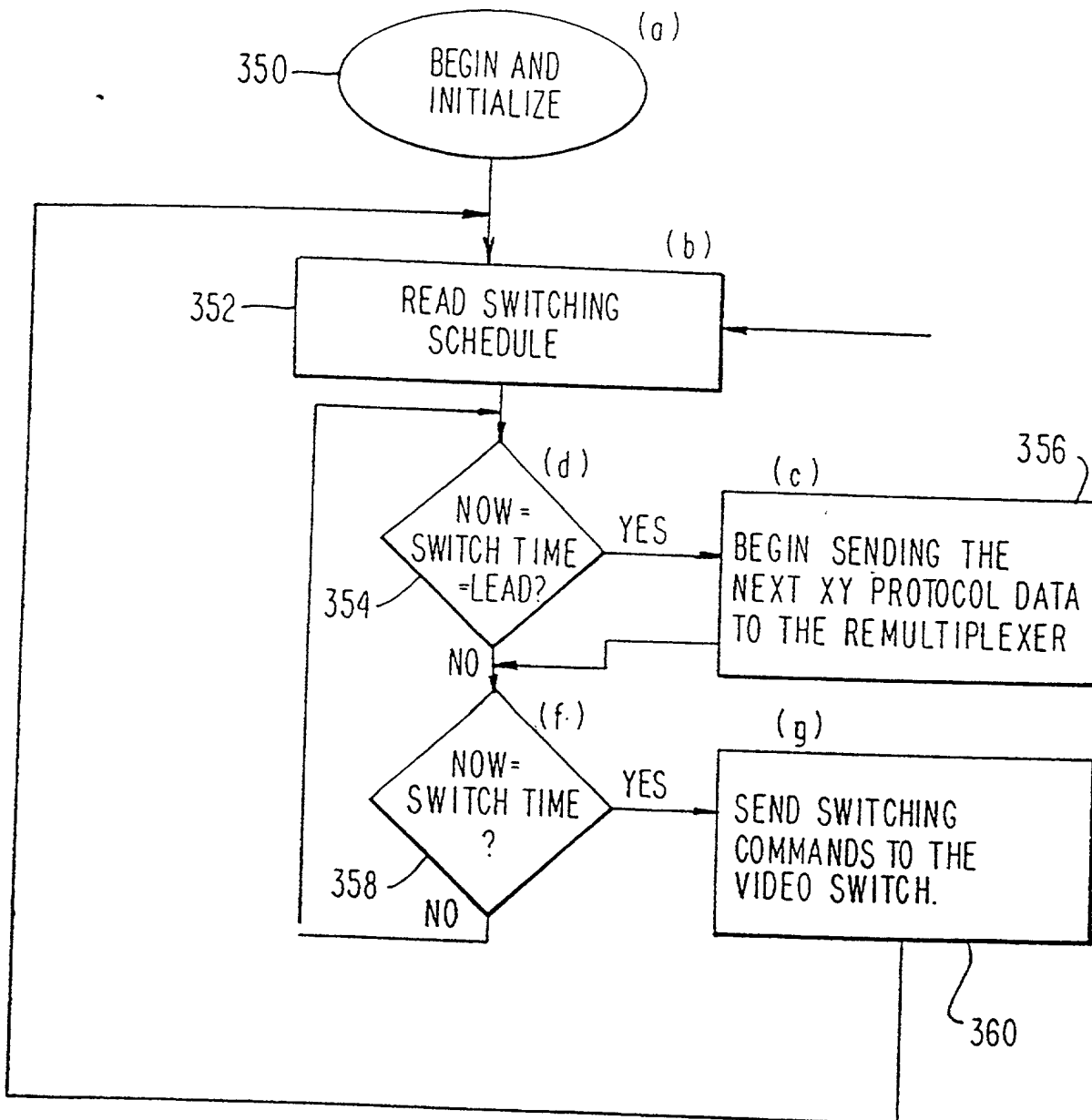


FIG. 6

SWITCHING SCHEDULE

TIME = 11:28:00.00

VIDEO SWITCH C

X1=40, Y1=60, X2=300, Y2=220

LINK EVENT = #27

VIDEO SWITCH E

X1=340, Y1=60, X2=500, Y2=220

LINK EVENT = #29

VIDEO SWITCH H

X1=40, Y1=260, X2=300, Y2=420

LINK EVENT = #47

VIDEO SWITCH K

X1=340, Y1=260, X2=500, Y2=420

LINK EVENT = #42

TIME = 11:30:00.00

VIDEO SWITCH D

X1=40, Y1=60, X2=300, Y2=220

LINK EVENT = #28

VIDEO SWITCH F

X1=340, Y1=60, X2=500, Y2=220

LINK EVENT = #30

VIDEO SWITCH I

X1=40, Y1=260, X2=300, Y2=420

LINK EVENT = #48

VIDEO SWITCH L

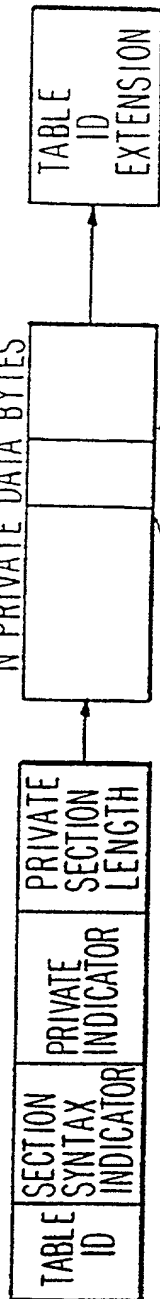
X1=340, Y1=260, X2=500, Y2=420

LINK EVENT = #43

FIG. 7

FIG. 8

MPEG-2 PRIVATE SECTION DEFINITION



370

XY TAG EXAMPLE EMBEDDED IN MPEG-2 PRIVATE DATA

85	1	40	60	300	220	27	VIEW	VIDEO	NULL
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374

EVENT ID
NUMBER OF HOT-SPOTS
COORDINATES
LINK EVENT ID
NEW CONTEXT TYPE
MEDIA PAYLOAD

372

9	1	4	11:28:00 00
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LENGTH
NUMBER OF ITEMS
NUMBER OF BYTES
SYNCHRONIZATION TIME

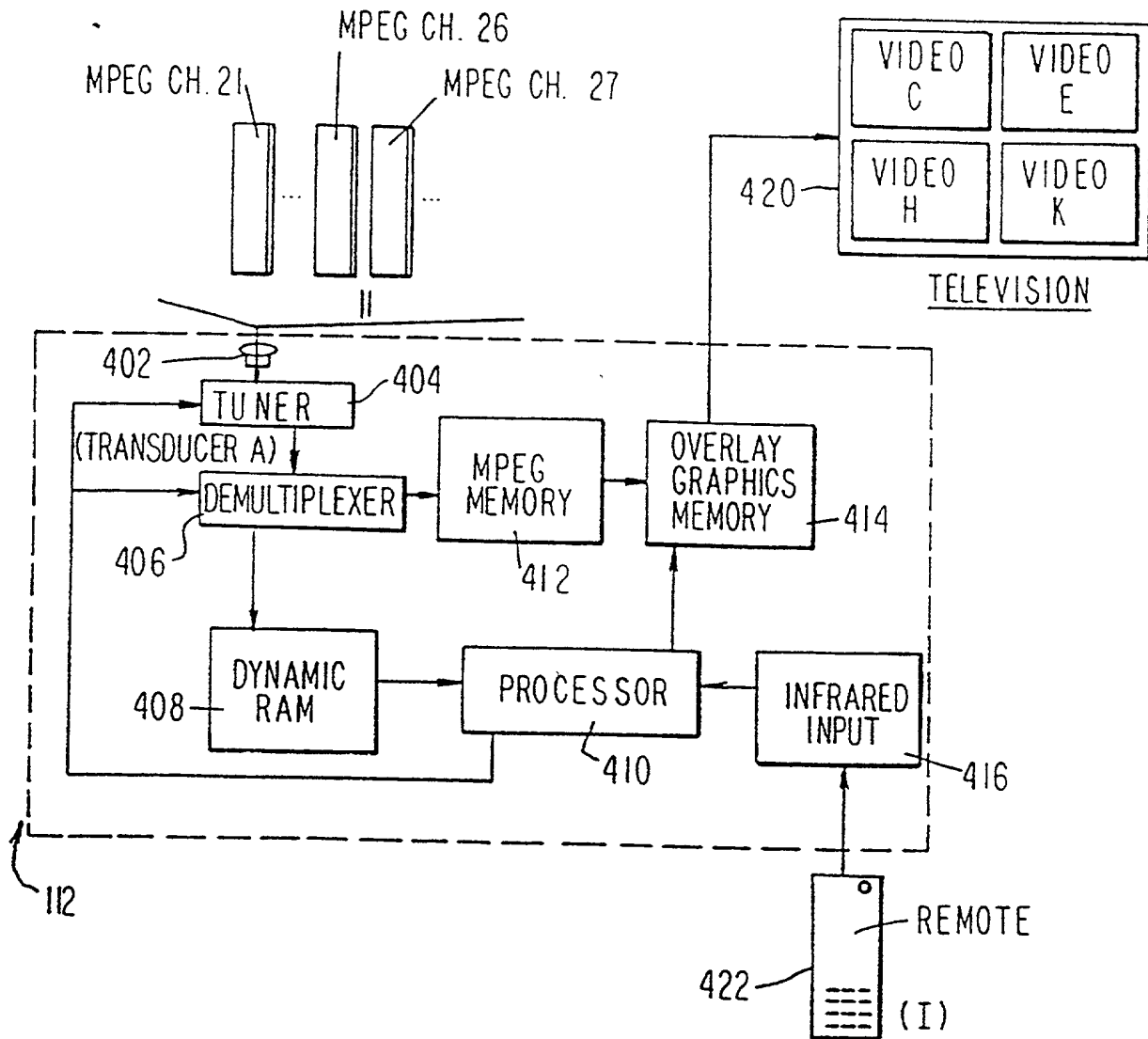


FIG. 9

